



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
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Week Ending June 23, 2013

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Excellent Week for Field Work: Pennsylvania had an average of 6 days suitable for field work. This week had great weather with warm, sunny days and some scattered storms. Throughout Pennsylvania, crops really started to grow and look nice while cutting hay, alfalfa and timothy were at full strength with the nice days. All crops look great with only minor insect damage and while it does not look like the late frost stunted growth to bad. With the nice days, farmers were able to be out in the fields a lot and catch up on some hay cutting and other activities that got delayed because of the rains the weeks before. Fruit trees seem to be in good condition and continue to mature. For the week ahead, warm temperature in the 90's are expected with some thunderstorms possible which are good conditions to allow crops to continue to grow nicely. Field activities for the week included finishing planting; cutting alfalfa, hay and other forage; harvesting barely, side dressing fields with nitrogen and applying other fertilizer, mowing pastures, spraying herbicides and pesticides.

PA Topsoil Moisture for Week Ending June 23, 2013

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
6	18	73	3

Crop Progress: Corn is at 21 inches in height, which is behind progress at this time last year of 31 inches and the 5-year average of 24 inches in height. Barley is 91% ripe, which is behind progress at this time last year of 98% but ahead of the 5-year average of 84% ripe. Barley is 26% harvested, which is behind progress at this time last year of 88% and the 5-year average of 54% harvested. Winter wheat is 91% yellow, which is ahead of progress at this time last year of 90% and the 5-year average of 79% yellow. Winter wheat is 5% ripe, which is behind progress at this time last year of 33% and the 5-year average of 20% ripe. Oats are 79% headed, which is behind progress at this time last year of 86% but ahead of the 5-year average of 62% headed. Soybeans are 95% planted, which is behind progress at this time last year of 96% but ahead of the 5-year average of 94% planted. Soybeans are 83% emerged, which is behind progress at this time last year of 87% but ahead of the 5-year average of 81% planted. Tobacco is 99% transplanted into fields, which is ahead of progress at this time last year of 95% and the 5-year average of 96% planted. Alfalfa first cutting is 93% cut, which is behind progress at this time last year of 98% but the same as the 5-year average of 93% cut. Alfalfa second cutting is 16% cut, which is behind progress at this time last year of 37% and the 5-year average of 24% cut. Timothy/Clover first cutting is 82% cut, which is behind progress at this time last year of 90% but ahead of the 5-year average of 75% cut.

Crop Condition: Corn conditions are; 0% very poor, 0% poor, 13% fair, 72% good, and 15% excellent. Winter wheat conditions are; 0% very poor, 2% poor, 18% fair, 50% good, and 30% excellent. Oats conditions are; 0% very poor, 1% poor, 20% fair, 63% good, and 16% excellent. Soybean conditions are; 0% very poor, 0% poor, 20% fair, 59% good, and 21% excellent.

Alfalfa stand conditions are; 0% very poor, 2% poor, 15% fair, 69% good, and 14% excellent. Timothy/Clover stand conditions are; 0% very poor, 2% poor, 15% fair, 69% good, and 14% excellent. Quality of hay made conditions are; 0% very poor, 5% poor, 15% fair, 52% good and 28% excellent. Pasture conditions are; 1% very poor, 11% poor, 29% fair, 47% good and 12% excellent. Peaches conditions are; 0% very poor, 0% poor,

1% fair, 63% good and 36% excellent. Apples conditions are; 0% very poor, 0% poor, 2% fair, 43% good and 55% excellent.

Nationwide as of June 16, 2013: Near- to above average temperatures blanketed much of the country during the week. Most notably, temperatures averaged more than 8°F above normal across portions of the central High Plains, where the mercury climbed well over 100°F. Precipitation was scattered throughout much of the nation during the week, with the largest accumulations evident in southwest Texas and portions of the East. Although rainfall totals throughout much of the Midwest were lower than in recent weeks, continued moisture in portions of the Corn Belt drowned out some corn and soybean fields, prompting producers to plan for re-planting. Corn: By week's end, 92 percent of this year's corn crop had emerged, 8 percentage points behind last year and 5 points behind the 5-year average. Strong storms left standing water and evidence of wind damage in some fields across the eastern Corn Belt during the week. Overall, 64 percent of the corn crop was reported in good to excellent condition, up slightly from last week and at the same time last year. Soybeans: Producers had planted 85 percent of the nation's soybean crop by June 16, thirteen percentage points behind last year and 6 points behind the 5-year average. In Iowa, additional rainfall limited fieldwork to approximately 3 days during the week, forcing producers to plant portions of their crop in less-than-ideal conditions. Nationwide, 66 percent of the soybean crop had emerged by week's end, 28 percentage points behind last year and 14 points behind the 5-year average. Overall, 64 percent of the soybean crop was reported in good to excellent condition, compared with 56 percent at the same time last year. Winter Wheat: By June 16, eighty-nine percent of the winter wheat was at or beyond the heading stage. This was 5 percentage points behind last year and 2 points behind the 5-year average. In Kansas, hot weather quickly matured the winter wheat crop, prompting test cutting along the Oklahoma border, with more widespread harvesting expected to begin within a week. Nationally, producers had harvested 11 percent of this year's winter wheat by week's end, 40 percentage points behind last year and 14 points behind the 5-year average. Harvest was in full swing across much of Texas, although heavy rainfall temporarily halted progress in some southwestern fields. Overall, 31 percent of winter wheat crop was reported in good to excellent condition, unchanged from last week but 23 percentage points below the same time last year. Other Small Grains: By June 16, ninety-six percent of the oats had emerged, 4 percentage points behind last year and 3 points behind the 5-year average. Heading advanced to 42 percent by week's end, 33 percentage points behind last year and 11 points behind the 5-year average. Wet conditions lingered in the Upper Midwest, limiting crop development as evidenced by heading delays of 26 and 21 percentage points, respectively, in Minnesota and Wisconsin—the two largest oat producing states. Overall, 57 percent of the oat crop was reported in good to excellent condition, up slightly from last week but 10 percentage points below the same time last year. Barley producers had seeded 92 percent of this year's crop by week's end, 8 percentage points behind last year and 6 points behind the 5-year average. Warmer, drier weather in North Dakota provided producers a chance to seed a portion of their remaining crop during the week; however, progress remained 3 weeks behind normal. Nationwide, 88 percent of the barley crop had emerged by June 16, twelve percentage points behind last year and 6 points behind the 5-year average. Overall, 67 percent of the barley crop was reported in good to excellent condition, up 4 percentage points from last week and equal to the percentage rated in these two categories at the same time last year.

Weather Data For Week Ending June 23, 2013

Station	Last Week Weather Summary						April 1 - June 23, 2013					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	88	51	69	2	0.33	2	13.43	3.58	38	842	211	1,531
Franklin_AG	89	47	67	1	0.25	1	10.62	-0.25	38	823	213	1,503
Meadville-Port	86	48	68	3	0.03	1	9.34	-1.22	40	865	321	1,564
Clarion	85	46	65	-2	0.55	1	8.98	-2.64	35	680	30	1,336
Springboro	86	44	65	-3	0.53	1	12.51	3.11	36	715	68	1,369
Warren	87	46	65	-2	0.30	2	9.85	-1.45	40	731	144	1,399
North Central												
Bradford Region	83	40	63	2	0.13	2	10.78	-0.56	42	679	281	1,343
Oswayo	85	44	63	-1	0.00	0	8.51	-2.44	31	544	72	1,165
Kane	84	44	63	2	0.09	1	13.52	2.02	36	539	147	1,162
Laporte	77	46	64	-3	0.04	1	11.24	0.42	33	556	-53	1,200
Lock Haven	87	48	68	2	0.02	1	9.05	-1.32	27	826	159	1,533
Coudersport_1SW	84	39	62	-2	0.13	2	9.77	-1.18	39	535	63	1,166
Renovo	87	48	68	1	0.01	1	9.77	-0.60	31	832	165	1,530
Ridgway	85	43	65	2	0.20	2	10.56	-0.83	39	671	215	1,322
Stevenson Dam	86	46	67	4	0.04	1	7.66	-3.73	29	729	273	1,403
Towanda	84	44	66	-2	0.00	0	7.88	-1.22	24	663	40	1,344
Wellsboro	82	44	64	2	0.07	2	9.77	0.93	34	545	129	1,192
Williamsport	86	49	70	2	0.00	0	9.58	-0.85	27	913	146	1,655
Northeast												
Hawley	82	46	65	1	0.74	1	11.73	1.38	32	571	79	1,221
Wilkes-Barre/Sc	84	49	69	1	0.00	0	8.04	-1.65	27	854	144	1,583
Susquehanna	83	45	65	2	0.08	1	9.92	-0.92	27	618	153	1,289
West Central												
Butler	87	47	68	1	0.17	1	9.06	-1.60	35	819	169	1,503
New Castle	86	50	68	1	0.11	1	8.48	-1.15	29	858	209	1,552
Slippery Rock	88	47	67	2	0.05	1	8.43	-1.88	29	864	282	1,550
Central												
Altoona/Blair	87	52	70	2	0.25	2	7.98	-1.88	33	926	199	1,655
DuBois	84	49	68	3	0.04	1	6.94	-4.10	33	845	245	1,539
Lewistown	89	54	70	1	0.07	2	7.75	-2.64	31	949	139	1,700
Middletown	86	56	72	-1	0.53	3	8.01	-2.50	35	1,036	110	1,811
Prince Gallitzi	85	51	68	3	0.15	1	7.09	-5.22	32	771	231	1,464
Selinsgrove	87	51	69	0	0.00	0	10.33	-0.20	25	837	105	1,565
State College	85	54	70	2	0.01	1	8.93	-0.73	30	876	166	1,598
East Central												
Allentown-Bethel	87	52	70	-1	0.25	1	11.83	1.25	30	944	116	1,703
Lehighton	83	51	68	-3	0.03	1	9.75	-0.83	31	756	-33	1,489
Matamoras	84	50	68	0	0.20	1	13.01	1.79	30	739	44	1,459
Mt_Pocono	79	46	66	4	0.02	1	13.64	1.84	32	605	194	1,267
Southwest												
Pittsburgh/Alle	86	55	71	4	0.43	2	8.55	-1.74	31	1,103	373	1,849
Indiana_PA	84	52	69	2	0.35	2	8.57	-3.00	34	927	219	1,647
Myersdale	88	50	67	-1	0.32	3	8.83	-2.42	38	669	22	1,334
Chalk_Hill	86	47	66	-4	0.16	3	9.35	-1.87	38	722	-84	1,388
Pittsburgh Intl	86	52	71	2	0.43	2	8.52	-1.02	32	1,057	280	1,790
Connellsville	88	54	70	2	0.23	3	8.71	-2.51	42	896	90	1,612
Waynesburg	86	49	68	-1	0.75	3	8.31	-2.03	35	878	179	1,586
South Central												
Biglerville	86	54	70	-3	0.37	2	9.47	-0.39	31	970	51	1,729
Everett	86	49	67	-1	0.45	3	8.17	-1.31	35	795	94	1,506
Hanover	86	54	70	-3	0.32	2	8.58	-1.28	35	953	34	1,709
Harrisburg_AP	86	54	72	-1	0.56	3	8.40	-2.11	36	1,041	108	1,821
South Mountain	81	52	67	-2	0.18	1	11.27	1.41	34	739	19	1,451
York	86	55	71	-1	0.56	2	8.26	-2.35	31	979	52	1,723
Southeast												
Green Lane	86	53	70	1	0.10	1	11.98	1.73	30	919	143	1,678
Hamburg	86	52	70	3	0.07	2	10.43	-1.91	34	916	234	1,671
West_Chester	86	52	70	-3	0.69	3	15.34	3.94	31	916	11	1,668
Lancaster	85	56	70	0	0.58	3	10.09	-0.29	32	950	118	1,700
Neshaminy Falls	87	53	71	0	0.57	1	13.48	1.99	30	981	154	1,753
New Holland	87	58	72	2	1.11	2	12.05	1.67	30	1,040	208	1,816
Philadelphia	88	59	73	1	0.98	1	14.04	3.84	30	1,211	218	2,009
Philadelphia NE	87	56	71	-3	0.30	1	13.15	2.95	31	1,044	51	1,823
Reading	87	56	73	3	0.04	1	11.06	-0.45	29	1,075	272	1,856
Sellersville	85	52	69	-2	0.16	1	14.87	4.62	28	867	91	1,605
Doylestown_AG	86	55	71	0	0.37	1	14.93	3.44	28	991	164	1,759

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

ADAMS County, Judy A. Behney

Tuesday around lunchtime, some areas had a downpour of rain where other areas of county did not receive any. Then Tuesday into Wednesday morning some additional rainfall, anywhere from 0.5" to an 1" in the county. Corn and soybeans continue to be planted where soil conditions permit. Corn and soybeans planted earlier looking ok with some reports of corn having to be replanted as earliest planted had rotted. Hay continues to be made especially from Wednesday on this week, and will continue through the weekend as there is a lot of hay laying. Barley harvest started this week in the county and wheat is also maturing and will be harvested in a few weeks. Fruit crops continue to mature. Some peaches, apples and cherries were affected from cold temperatures middle to the end of May. Sweet cherries are being harvested and tart cherries will be in another week. Overall the producers in the county are busy harvesting and planting their crops and also maintaining with spraying, etc, when weather conditions permit.

BUTLER County, L Fritz

Many acres of dry hay harvested and post applications of herbicide being applied.

CAMBRIA County, Dolly Little

While the week was good for making hay, the quality suffered because the prior week's rains prevented harvesting at its prime. Winter wheat and barley is turning yellow and looks good. Oats is in head.

CENTR County, Dick Decker

Good week for hay making. Only >2 inches of rainfall for the week.

CLARION County, Tom Tanner

Harvesting hay, spraying for alfalfa weevil and spraying spring planted crops.

ERIE County, Nancy Lewis

Dry, breezy days are permitting the harvest of hay.

FRANKLIN County, Thomas Kerr

Heat has returned which is helping the corn and hay. All crops doing well. Barley is coming off and quality is good but yield is slightly less due to small heads.

INDIANA County, David B. Overdorff

We did get the much needed rain since my last reporting. It helped the oats, corn, and hay to grow. All of the oats are in head now and taller. The rain and warm weather made it shoot up and now it will have some long straw to bail after it is cut. The corn is also growing really well. Got all of it sprayed and the weed and grass is dying off. Hope it rains enough and when it is in the certain growing stages. The soybeans are taking off and growing very well with this warm weather too. They are also all sprayed and coming along really nice. Last week was a good week for making hay. The sun along with the warm weather made it dry in 2 days. Some of the grasses were getting ripe but it still didn't lose all of its good nutrients. This week the forecast is calling for chances of afternoon thunder showers all week. It might not be a

good week to mow hay but it will keep the oats, corn and soybeans growing. Hope everyone has a safe farming week!

LACKAWANNA County, John Esslinger

The full impact of the frost damage is now evident. The damage in many affected orchards is not as severe as first thought. Vegetable planting is winding down. Sweet corn started early under row cover has the tassel emerging.

LANCASTER County, Chris Burkhardt

Lots of rain has fallen over the last week with fields having plenty of moisture. Corn is showing some stress due to excessive moisture and cool temps but is growing out of it quickly although nitrogen loss is evident in the "low spots". Barley is ready for harvest but has low test weight and wheat appears to have been hit with head blight. Beans, vegetables & tobacco look good but again could use some sunny weather. There has been some bacterial spots showing up on tobacco and tomatoes which is not surprising given the recent weather.

LEBANON County, Charlene Ziegler

There was minimal rain over the county this week allowing farmers the opportunity for baling hay or chopping haylage. The last fields that needed seeding were completed. Barley combining began.

MERCER County, James P. Rust

Quality of hay made this week was somewhat on the mature side but dried very quickly due to low humidity and Southwest winds. Corn fields are showing some droughty signs the past two days with afternoon temperatures in the high 80's. Side dressing of nitrogen in late planted corn continues at a rapid pace. Applications of roundup on corn and beans continue as weed control is all over the board this year.

PERRY County, David L. Swartz

Main field activities this week included: harvesting the second cutting of established alfalfa fields, harvesting the first cutting of spring seeded new alfalfa fields, harvesting barley, side dressing corn with nitrogen, clipping pastures.

SNYDER County, William C. Sheaffer

Barley harvest is near completion with the yield level being mixed and the test weight below normal. Soybean stands are poor to good. Second cutting of alfalfa has started. Corn is looking good; except, on the shale knobs it is beginning to show stress signs from the heat. The main activities for the week were planting, harvesting, and spraying.

UNION County, James Brubaker

Corn and beans growing rapidly with warm temps; will be glad for rain in a few days. Side dressing of corn finished.

WESTMORELAND County, John Lohr

Hot, dry conditions the second half of the week provided the first good hay making period of the season. Some producers are reporting the best looking crops they have ever had at this point in the season.

PA Crop Progress for Week Ending June 23, 2013

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn average height, inches	21	31	24
Barley, ripe	91	98	84
Barley, harvested	26	88	54
Wheat, turning yellow	91	90	79
Wheat, ripe	5	33	20
Oats, heading or headed	79	86	62
Soybeans, planted	95	96	94
Soybeans, emerged	83	87	81
Tobacco, transplanted	99	95	96
Alfalfa, 1st cutting	93	98	93
Alfalfa, 2nd cutting	16	37	24
Timothy clover, 1st cutting	82	90	75

PA Crop Condition for Week Ending June 23, 2013

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	0	0	13	72	15
Wheat	0	2	18	50	30
Oats	0	1	20	63	16
Soybeans	0	0	20	59	21
Alfalfa and alfalfa mixtures stand	0	2	15	69	14
Timothy clover stand	0	2	15	69	14
Quality of hay made	0	5	15	52	28
Pasture	1	11	29	47	12
Peaches	0	0	1	63	36
Apples	0	0	2	43	55

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